

CLAIM AMENDMENTS

Claims 1-10 (Cancelled).

11. (Currently Amended) A matrix arrangement comprising:
an electrically insulating substrate;
~~a first electrode~~ an anode layer covering a surface of the substrate;
a separator defining and separating ~~a plurality~~ respective pluralities of first and second cells, on the ~~first electrode~~ anode layer, from each other;
first pixels ~~having~~ including only two organic light-emitting material layers and comprising a layer of a first organic material ~~layer~~, a ~~second electrode~~ first cathode layer, a layer of a second organic material ~~layer~~, and a ~~third electrode~~ second cathode layer, sequentially stacked, in each of the first cells, on the ~~first electrode~~ anode layer; and
second pixels ~~having~~ including only a single organic light-emitting material and comprising a layer of the second organic material ~~layer~~ and the ~~third electrode~~ second cathode layer, sequentially stacked, in each of the second cells, on the ~~first electrode~~ anode layer, and spaced from the first cells by the separator.

Claim 12 (Cancelled).

13. (Currently Amended) The matrix arrangement according to claim 11, wherein the ~~first electrode~~ anode layer is a transparent electrode comprising at least one material selected from the group consisting of indium tin oxide, indium oxide, indium zirconium oxide, tin oxide, zirconium oxide, and a metal layer thin enough for transmission of visible light.

14. (Currently Amended) The matrix arrangement according to claim 11, wherein each of the first and second organic ~~material layers~~ materials comprises a respective light-emitting material producing a respective different color light upon stimulation.

15. (Currently Amended) The matrix arrangement according to claim 11, including at least one of a hole injection layer and a hole transport layer between the ~~first electrode~~ anode layer and the first organic material.

16. (Original) The matrix arrangement according to claim 15, wherein the hole transport layer is at least one material selected from the group consisting of polyethylene dihydroxy thiophene, polyaniline, and tetraphenyl diamine and triarylamine.

17. (Currently Amended) The matrix arrangement according to claim 11, including at least one of an electron injection layer and an electron transport layer located at at least one of (i) between the ~~second electrode~~ first cathode layer and the layer of the first organic material and (ii) between the ~~third electrode~~ second cathode layer and the layer of the second organic material.

18. (Currently Amended) The matrix arrangement according to claim 11, wherein the ~~second first and third electrode~~ second cathode layers are at least one mixture selected from the group consisting of LiF/Al, Ca/Ag, Ca/Al, LiF/Ca/Al, LiF/Ca/Ag, Yb/Al, Yb/Ag, LiF/Yb/Al, and LiF/Yb/Ag.

19. (Original) The matrix arrangement according to claim 11, wherein the separator is a photo-resist film.

Claim 20 (Cancelled).

21. (New) A matrix arrangement comprising:
an electrically insulating substrate;
an anode layer covering a surface of the substrate;
a separator defining and separating respective pluralities of first, second, and third cells on the anode layer from each other;
first pixels including three layers of organic light-emitting materials and comprising a layer of a first organic material, a first cathode layer, a layer of a second organic material, a second cathode layer, a layer of a third organic material, and a third cathode layer, sequentially stacked, in each of the first cells, on the anode layer;
second pixels including only two organic light-emitting materials and comprising a layer of the second organic material, the second cathode layer, a layer of the third organic material, and the third cathode layer, sequentially stacked, in the second cells, on the anode layer, and spaced from the first cells by the separator; and
third pixels including only a single light-emitting organic material and comprising a layer of the third organic material and the third cathode layer, sequentially stacked, in

each of the third cells, on the anode layer, and spaced from the second cells by the separator.

22. (New) The matrix arrangement according to claim 21, wherein the anode layer is a transparent electrode comprising at least one material selected from the group consisting of indium tin oxide, indium oxide, indium zirconium oxide, tin oxide, zirconium oxide, and a metal layer thin enough for transmission of visible light.

23. (New) The matrix arrangement according to claim 21, wherein each of the first, second, and third organic materials comprises a respective light-emitting material producing a respective different color light upon stimulation.

24. (New) The matrix arrangement according to claim 21, including at least one of a hole injection layer and a hole transport layer between the anode layer and the first organic material.

25. (New) The matrix arrangement according to claim 24, wherein the hole transport layer is at least one material selected from the group consisting of polyethylene dihydroxy thiophene, polyaniline, and tetraphenyl diamine and triarylamine.

26. (New) The matrix arrangement according to claim 21, including at least one of an electron injection layer and an electron transport layer located at at least one of (i) between the first cathode layer and the layer of the first organic material and (ii) between the second cathode layer and the layer of the second organic material.

27. (New) The matrix arrangement according to claim 21, wherein the first, second, and third cathode layers are at least one mixture selected from the group consisting of LiF/Al, Ca/Ag, Ca/Al, LiF/Ca/Al, LiF/Ca/Ag, Yb/Al, Yb/Ag, LiF/Yb/Al, and LiF/Yb/Ag.

28. (New)) The matrix arrangement according to claim 21, wherein the separator is a photo-resist film.